IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1.   (currently amended) A motion picture transmission method for transmitting a motion picture signal ~~input~~ from an input terminal to a plurality of video reception units, respectively, through a video transmission unit including a compression processing unit and a plurality of transmission lines, each of which has a different transmission speed, said method comprising the steps of:

generating at least Intra (I) picture ~~data~~ and a plurality of Predictive (P) pictures relating to each picture of ~~data based on~~ said motion picture signal in said compression processing~~video transmission~~ unit;

storing at least said I picture ~~data~~ and a plurality of said P pictures ~~picture data~~ in a memory unit of said video transmission unit; and

transmitting said I picture ~~data~~ and a different number of P pictures ~~picture data~~ in response to different transmission speeds of a plurality of said transmission lines from said I picture and a plurality of P pictures stored in said memory unit of said video transmission unit to a plurality of video reception units, respectively.

Claim 2 (canceled).

3.   (currently amended) A motion picture transmission method according to claim 1, wherein said compressing processing ~~video~~

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~~transmission~~ unit encodes <u>each said picture of</u> said motion picture signal based on either one of Motion Picture Experts Group (MPEG)-4 and MPEG-2.

4.   (currently amended) A motion picture transmission method according to claim 1, wherein in the case where said motion picture signal comprises:

at least first I picture ~~data~~ and second I picture ~~data~~,

a <u>part</u> ~~transmission~~ of said P <u>pictures</u> ~~picture data~~ subsequent to said first I picture ~~data~~ is cancelled in response to said transmission speed which is low, and said second I picture ~~data~~ is transmitted ~~subsequent to said first I picture data~~.

5.   (currently amended) A motion picture transmission method according to claim 1, wherein when the number of said P <u>pictures</u> ~~picture data~~ is <u>cancelled</u> ~~changed~~ in response to said transmission speed of said transmission line, the <u>part of</u> ~~number of~~ P <u>pictures</u> ~~picture data~~ <u>immediately preceding said second I picture is cancelled</u> ~~subsequent to said I picture data is changed, said P picture data being continuous, and the changed number of said P picture data is transmitted~~.

6.   (currently amended) A motion picture transmission method according to claim 1, wherein said ~~video transmission unit stores the number of~~ I picture ~~data~~ and a <u>different number of said P pictures are transmitted</u> ~~predetermined number of P picture data~~ in response to said transmission speed of said transmission line, ~~and~~ said ~~stored~~ I picture ~~data~~ and P <u>pictures</u>

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~~picture data~~ are transmitted as stream data of a Group of Pictures (GOP) unit to said transmission line.

7.   (currently amended) A motion picture transmission system comprising:

an input terminal to which a motion picture signal is applied;

a video transmission unit, coupled to said input terminal, for encoding said ~~a~~ motion picture signal;

a plurality of transmission lines, coupled to said video transmission unit, for transmitting stream ~~video~~ data encoded in said video transmission unit, each of which has a different transmission speed; and

a plurality of video reception units, coupled to a plurality of said transmission lines, respectively, for receiving said stream ~~video~~ data transmitted via said transmission lines,

wherein said video transmission unit includes:

a compression processing unit ~~generator~~ for generating at least an Intra (I) picture ~~data~~ and a plurality of Predictive (P) pictures relating to each picture of said motion picture signal~~picture data~~,

a memory unit for storing said I picture ~~data~~ and a plurality of said P pictures~~picture data~~; and

selector for selecting said I picture ~~data~~ and a different number of P pictures from said I picture and a plurality of said P pictures stored in said memory unit ~~picture data~~ in response to said transmission speeds of a plurality of said transmission lines to transmit a plurality of said video reception units, respectively.

wherein said video transmission unit transmits said I picture and a different number of P pictures selected by said selector.

Claim 8 (canceled).

9.   (currently amended) A motion picture transmission system according to claim 7, wherein said selector for selecting a different the means for changing the number of said P pictures picture data in response to said transmission speeds of a plurality of said transmission lines and transmitting the selected changed number of said P pictures picture data includes means for changing the number of P pictures picture data subsequent to said I picture data.

10.   (currently amended) A motion picture transmission system according to claim 7, wherein said memory unit stores the number of I picture data and a different number of said P picture data in response to said transmission speeds of a plurality of said transmission lines, and wherein said video transmission unit transmits said converts said stored I picture data and P pictures picture data as into said stream data of a Group of Pictures (GOP) unit and transmits said stream data to said transmission lines.

Claim 11 (canceled).

12. (currently amended) A motion picture transmission apparatus comprising:

an input terminal to which a motion picture signal is applied;

a coding unit coupled with said input terminal, for converting each picture of said motion picture signal into at least Intra (I) picture ~~data~~ and a plurality of Predictive (P) pictures~~picture data~~;

a memory unit for storing said I and P ~~picture data~~pictures relating to each of said pictures of said motion picture signal;

an output unit for outputting said I and P picture~~picture data~~;

a plurality of transmission lines, coupled to said output unit, for transmitting said I and P picture data, each of which has a different transmission speed;

a plurality of video reception units, coupled to a plurality of said transmission lines, respectively; and

a control unit for controlling said output unit,

wherein said control unit controls said output unit to output said I picture and a different number of P picture from said I picture and a plurality of P pictures stored in said memory ~~the number of I picture data and a different number of P picture data output from said output~~unit in response to said transmission speeds of said transmission lines.

Claim 13 (canceled).

14. (currently amended) A motion picture transmission apparatus according to claim 12, wherein in the case where said control unit control said

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output unit to output ~~of controlling~~ a different number of said P pictures ~~picture data~~ in response to said transmission speed of said transmission line, and transmitting them, the number of P pictures immediately preceding next ~~picture data subsequent to said~~ I picture is cancelled~~data is changed, said P picture data being continuous, and the changed number of P picture data is transmitted~~.

15.   (currently amended) A motion picture transmission apparatus according to claim 12, ~~wherein said memory unit stores the number of I picture data and a different number of P picture data in response to said transmission speeds of said transmission lines, and~~ wherein said control unit controls said output unit to output said ~~converts said stored~~ I picture ~~data~~ and a different number of P pictures as ~~picture data into~~ stream data of the Group of Pictures (GOP) unit and transmits the stream data from said output unit.